



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Bonifacio Drive, Port Area, Manila

Reference Number: XI-157
Project ID: P00550551MN

May 3, 2021

MEMORANDUM

FOR : **MARK A. VILLAR**
Secretary
This Department

This refers to the Memorandum dated 22 April 2021 of **DPWH Region XI OIC-Regional Director REY PETER B. GILLE, DM**, relative to the Memorandum dated 19 April 2021 of District Engineer Richard A. Ragasa, Davao City District Engineering Office requesting for the **modification** of the project under FY 2021 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 300106200757000 Project ID: P00550551MN					
Local Program – Flood Control and Drainage – Flood Control Structures / Facilities – Construction / Repair / Rehabilitation / Improvement of Various Infrastructure including Local Projects			Local Program – Flood Control and Drainage – Flood Control Structures / Facilities – Construction / Repair / Rehabilitation / Improvement of Various Infrastructure including Local Projects		
Construction of Revetment along Matina River, Outfall Section, Right Bank, Davao City			Construction of Revetment along Matina River, Outfall Section, Right Bank, Davao City		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Revetment 130.00 lm	₱ 226,153.85 /lm	₱ 29,400,000.00	CW1- Construction of Revetment 105.00 lm	₱ 280,000.00 /lm	₱ 29,400,000.00
EAO	-	₱ 600,000.00	EAO	-	₱ 600,000.00
Total:		₱30,000,000.00	Total:		₱30,000,000.00
Justification: Decrease in physical target from 130.00 lineal meters to 105.00 lineal meters (with increase in unit cost) due to the following:					
<ul style="list-style-type: none">Project requires Z-type Hot Rolled Steel Sheet Pile (Height of 12 m) with pile cap instead of the ordinary structural steel sheet pile to ensure high strength on steel grade since it has a very high section modulus and it is a larsen interlocked sheet piles;The design also requires 3-meter slant height of rubble concrete on steel sheet pile with pile cap to attain the maximum flood elevation requirement of the flood mitigation structure with riprap "Class D" having a volume of 391.70 cu. M. for toe protection and soil stability especially that a substantial volume of soil has already receded due to erosion and grouted riprap "Class A" for back slope and ditch;This includes substantial earthworks (hand-laid embankment with a volume of 563.50 cu. M.) which is necessary for foundation support of the structure to alleviate overflowing of water from the river. Also, this requires huge volume of unsuitable excavation of 1,166.40 cu. M. including clearing and grubbing and embankment (from borrow) of 466.30 cu. m.;Provision of 200 lineal meters of detour/access road with maintenance for the whole project duration; andScope of work also include CHB fence (including fence cyclone), removal/restoration of structures/obstructions (19 wooden/concrete houses including other miscellaneous structures such as trees furnishing and transplanting).					

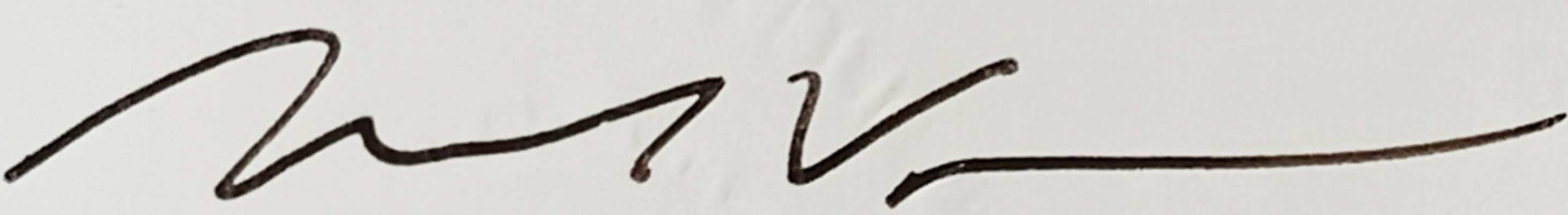
Based on our evaluation, the submitted request for modification of the said project is in order;
hence, approval hereof is recommended.

*see NO/ DE Cert of
Out Resolutions*


EUGENIO R. PIPO, JR.

Undersecretary for Regional Operations in Mindanao

APPROVED/DISAPPROVED:


MARK A. VILLAR
Secretary

3.4 ECL/LCA/AVS/ERP

Department of Public Works and Highways
Office of the Secretary



WIN1E02745